

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-237615

(43)Date of publication of application : 09.09.1997

(51)Int.Cl.

H01M 2/06

H01M 10/12

H01M 10/34

(21)Application number : 08-041590

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 28.02.1996

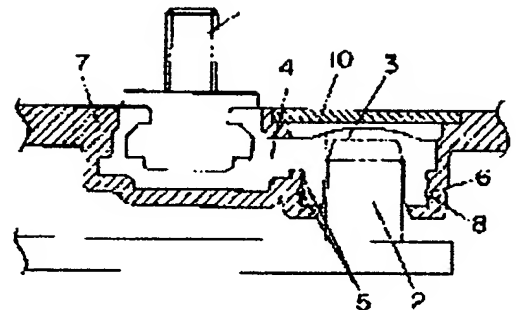
(72)Inventor : HIRAMATSU AKITOSHI
IWAMURA AKIRA

(54) SEALED LEAD ACID BATTERY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a lead acid battery preventing inferiority of liquid-tightness and air-tightness in a battery terminal part.

SOLUTION: A bolt 1 consisting of brass which is an output terminal to the outside and a cavity part 3 receiving a polar pole 2 are provided in a bushing 4. Here, a recessed part 5 is provided by two rows in the periphery of a peripheral wall surrounding the cavity part 3 of this bushing 4. Of these two-row recessed parts 5, in the recessed part 5 adjacent to an opening part of the cavity part 3 inserting the polar pole 2, an O-ring 6 is mounted. Here, when assuming (a) for width of the recessed part 5, (b) for peripheral diameter of the peripheral wall surrounding the cavity part 3 in a bottom of the recessed part 5, (c) for wire size of the O-ring 6 and (d) for internal diameter, (a) is set larger than (c), and (d) is set smaller than (b).



BEST AVAILABLE COPY

LEGAL STATUS

[Date of request for examination] 10.04.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3309694

[Date of registration] 24.05.2002

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office